509 Palmetto Street,

Pasadena, Cal., Feb. 17, 1904.

Mr. William H. Knight,

Room 2, Bryson Block, Los Angeles, Cal.

My dear Mr. Knight;-

Please accept my thanks for your very kind letter of February 16. It was a pleasure to me to speak before the Academy, and particularly to have such an appreciative audience. I assure you the absence of newspaper comment has not given me the slightest concern, as I am never anxious to appear in the public press.

Very truly yours,

George S. Hale

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CARNEGIE INSTITUTION OF WASHINGTON
MOUNT WILSON SOLAR OBSERVATORY
PASADENA, CALIFORNIA

Feb. 1, 1921

Dear Mr. Knight - My attention has been called to your article on Betelgeuse in last Sunday's paper. May I suggest that you would probably be interested in Russell's theory of dwarf and giant stars and especially in Eddington's British Association address, which you will find in "Nature" for Sept. 2, 1920?

Very truly yours
Geo. E. Hale

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CARNEGIE INSTITUTION OF WASHINGTON
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PASADENA, CALIFORNIA

The peculiar law of the solar rotation persists without known change through the spot minimum, and all the evidence seems to favor the view that sun-spots are deep-seated manifestations of the internal circulation of the sun. In these mysterious depths we should therefore seek for the origin of sun-spots, the nature of their characteristic cycle, and the cause of the period reversal of their magnetic polarity.

From "The Depths of the Universe," p. 95
By George Ellery Hale

George Ellery Hale
Amer Astronomer
Scientist